

What is claimed is:

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5 1. An application menu selecting and activating method using an image cognition, comprising the steps of:

recognizing a pattern position by a pattern cognition per predetermined time period;

selecting a menu when the recognized pattern position is within a certain pattern region containing predetermined menus; and

activating the selected menu.

10 2. The application menu selecting and activating method of claim 1, wherein a user's image is displayed on a client's region prior to the recognizing of the pattern position.

15 3. The application menu selecting and activating method of claim 2, wherein the user's image is displayed on a predetermined position in the client's region.

20 4. The application menu selecting and activating method of claim 1, wherein the pattern is a user's hand.

5. The application menu selecting and activating method of claim 1, wherein the pattern is a ring wearable by the user.

25 6. The application menu selecting and activating method of claim 1,

wherein the pattern is an indication rod.

8. The application menu selecting and activating method of claim 1, wherein the pattern is an indication rod having two different patterns.

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9. The application menu selecting and activating method of claims 1 or 7, wherein the recognizing of the pattern position is performed on the ground of one of the two different patterns, and the activating of the menu is performed on the ground of the other of the two different patterns.

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10. The application menu selecting and activating method of claim 1, wherein the selecting of the menu is performed when a background color of the pattern is converted in accordance with conversion of a user's pattern position.

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11. The application menu selecting and activating method of claim 1, wherein the activating of the menu is performed when a user's particular body motion is executed.

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12. The application menu selecting and activating method of claim 1, wherein the activating of the menu is performed after a particular pattern is positioned within the predetermined pattern region for a predetermined time period.

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13. The application menu selecting and activating method of claim 6, wherein the indication rod comprises:

a body grabbable by the user;
a first pattern portion formed on a side end of the body;
a second pattern portion disposed at an outer end of the first pattern portion and guidable through the first pattern portion; and
5 a button for guiding the second pattern portion into and out of the first pattern portion.



13. An application menu selecting and activating method using an image cognition, comprising the steps of:
determining a pattern position on a screen by scanning a predetermined pattern region;
selecting a menu in the pattern region in which the pattern is positioned;
and
activating the selected menu.

14. The application menu selecting and activating method of claim 13, wherein the pattern is a user's hand.

15. The application menu selecting and activating method of claim 13, wherein the pattern is a ring wearable by the user.

16. The application menu selecting and activating method of claim 13, wherein the pattern is an indication rod.

17. The application menu selecting and activating method of claim 13,

wherein the pattern is an indication rod having two different patterns.

18. The application menu selecting and activating method of claims 13 or 17, wherein the recognizing of the pattern position is performed on the ground
5 of one of the two different patterns, and the activating of the menu is performed on the ground of the other of the two different patterns.

19. An application menu selecting and activating apparatus using an image cognition, comprising:

a camera for capturing an image; and

a display means for displaying the image received from the camera, designating a particular region of the externally applied image, and selecting a required menu when a pattern is positioned on a corresponding region.